1. **Arun can do a piece of work in 40 days, but Bala can do the same work in 5 days less, than Arun, when working alone. Arun and Bala both started the work together but Bala left after some days and Arun finished the remaining work in 30 days with half of his efficiency but he did the work with Bala with his complete efficiency. For how many days they had worked together?**

   A. 25/3 days
   B. 31/3 days
   C. 35/3 days
   D. 38/3 days
   E. None of these

   Answer & Explanation

2. **Kiran can do a work in 20 days, while Karan can do the same work in 25 days. They started the work jointly. Few days later Suman also joined them and thus all of them completed the whole work in 10 days. All of them were paid total Rs.1000. What is the share of Suman?**

   A. 200
   B. 400
   C. 100
   D. 300
   E. 500

   Answer & Explanation

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3. **7 Indian and 4 American finish a job in 6 days. 7 African and 3 American finish the same job in 8 days. The efficiency of each person of a particular nationality is same but different from others. One Indian One American and One African will complete the work in:**

A. 10 days

B. 12 days

C. 24 days

D. 36 days

E. None of these

Answer & Explanation

4. **Chitra is twice efficient as Arun. Bala takes thrice as many days as Chitra. Arun takes 12 days to finish the work alone. If they work in pairs(i.e Arun-Bala, Bala-Chitra, Chitra-Arun) starting with Arun – Bala on the first day, Bala – Chitra on the second day and Chitra – Arun on the third day and so on, then how many days are required to finish the work?**

Note: The Information Provided here is only for reference. It May vary the Original.

A. 26/9 days
B. 46/9 days
C. 16/9 days
D. 56/9 days
E. None of these

Answer & Explanation

5. **A work is done by 30 workers not all of them have the same capacity to work. Every day exactly 2 workers, do the work with no pair of workers working together twice. Even after all possible pairs have worked once, all the workers together works for six more days to finish the work. Find the number of days in which all the workers together will finish the work?**

A. 22 days
B. 20 days
C. 24 days
D. 35 days
E. 32 days

Answer & Explanation

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6. **Arun can do a piece of work in 10 days, Bala in 15 days. They work together for 5 days, the rest of the work is finished by Chitra in two more days. If they get Rs. 5000 as wages for the whole work, what are the daily wages of Arun, Bala and Chitra respectively (in Rs)?**

A. 600, 400, 500

B. 200, 300, 400

C. 500, 300, 400

D. 600, 500, 300

E. 400, 300, 200

Answer & Explanation

7. **A Contractor employed a certain number of workers to finish constructing a building in a certain scheduled time. Some time later, when a part of work had been completed, he realized that the work would get delayed by half of the scheduled time, so he at once doubled the no of workers and thus he managed to finish the building on the scheduled time. How much work he**

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had been completed, before increasing the number of workers?

A. 200/3 %

B. 100/3 %

C. 300/3 %

D. Can't be determined

E. None of these

Answer & Explanation

8. **(x-2) person can do a work in x days and (x+7) person can do 75% of the same work in (x-10)days. Then in how many days can (x+10) person finish the work?**

A. 27 days

B. 12 days

C. 25 days

D. 18 days

E. None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

9. **The ratio of efficiency of Arun is to Chitra is 5:3. The ratio of number of days taken by Bala is to Chitra is 2:3. Arun takes 6 days less than Chitra, when Arun and Chitra complete the work individually. Bala and Chitra started the work and left after 2 days. The number of days taken by Arun to finish the remaining work is?**

A. 4 days

B. 5 days

C. 6 days

D. 9 days

E. None of these

Answer & Explanation

10. **Arun is twice efficient as Bala and together they do the same work in as much time as Chitra and David together. If Chitra and David can complete the work in 20 and 30 days respectively, working alone, then in how many days A can complete the work individually?**

A. 12 days

B. 18 days

C. 24 days

D. 30 days

E. None of these

Answer & Explanation

1. **Kiran can do a work in 25 days, while Ravi can do the same work in 50 days. They started the work jointly. Few days later**

Sumit also joined them and thus all of them completed the whole work in 10 days. All of them were paid total Rs.600. What is the Share of Sumit?

A. Rs.360

B. Rs.385

C. Rs.240

D. can't be determined

E. None of these

Answer & Explanation

2. **Working together Bala and Chitra take 50% more number of days than Angel, Bala and Chitra together take and Angel and Bala working together, take 8/3 more number of days than Angel, Bala and Chitra take together. If Angel, Bala and Chitra all have worked together till the completion of the work and Bala has received Rs.120 out of total earnings of Rs. 480 then in how many days did Angel, Bala and Chitra together complete the whole work?**

A. 2 days

B. 4 days

C. 6 days

D. 8 days

E. 5 days

Answer & Explanation

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3. **Angel can do a piece of work in 10 days, Balu in 15 days. They work together for 5 days, the rest of the work is finished by Chitra in two more days. If they get Rs. 6000 as wages for the whole work, what are the daily wages of Angel, Bala and Chitra respectively?**

A. 200, 250, 300

B. 300, 200, 250

C. 600, 400, 200

D. 600, 400, 500

E. None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

4. **Ravi can do a piece of work in 16 days. Rakesh can do the same work in 64/5 days, while Geeta can do it in 32 days. All of them started to work together but Ravi leaves after 4 days. Rakesh leaves the job 3 days before the completion of the work. How long would the work last?**

   A. 6 days

   B. 9 days

   C. 18 days

   D. 5 days

   E. None of these

   Answer & Explanation

5. **Ramu, Hari and Sanjay are three typists, who working simultaneously, can type 228 pages in four hours. In one hour, Sanjay can type as many pages more than Hari as Hari can type more than Ramu. During a period of five hours, Sanjay can type as many passages as Ramu can, during seven hours. How many pages does each of them type per hour?**

   A. 16, 18, 22

   B. 14, 17, 20

   C. 15, 17, 22

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D. 15, 18, 21

E. 16, 19, 22

Answer & Explanation

6. **Efficiency of A is 25% more then B and B takes 25 days to complete a piece of work. A started a work alone and then B joined her 5 days before actual completion of the work. For how many days A worked alone?**

A. 9

B. 11

C. 10

D. 25

E. 12

Answer & Explanation

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7. **In a cucumber factory, there are equal number of women and children. Women work for 8 h a day and children for 6 h a day. During festival time, the work load goes up by 50%. The government rule does not allow children to work for more than 8 h a day. If they are equally efficient and the extra work is done by women, then extra hours of work put in by women every day are?**

A. 5

B. 3

C. 4

D. 9

E. None of these

Answer & Explanation

8. **A building contractor undertook to finish a certain work in 162 days and employed 150 men. After 72 days, he found that he had already done 2/3 of the work. How many men can be discharged now, so that the work finish in time?**

A. 80

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B. 75
C. 90
D. 70
E. 65

Answer & Explanation

9. **Sanjay can do a piece of work in 50 days. He started the work and left after some days, when 25% work was done. After it Ajit joined and completed it working for 25 days. In how many days Sanjay and Ajit can do the complete work, working together?**

A. 6
B. 8
C. 10
D. 12
E. 20

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

10. **Kiran can do a piece of work in 9 days and Kumar can do the same work in 18 days. They started the work. After 3 days Sanjay joined them, who can complete alone the same whole work in 3 days. What is the total number of days in which they had completed the work?**

A. 12

B. 8

C. 4

D. 6

E. None of these

Answer & Explanation

1. **Mohan can do a work in 15 days. After working for 3 days he is joined by Vinod. If they complete the remaining work in 3 more days, in how many days can Vinod alone complete the work?**

A.10 days

B.8 days

C.5 days

D.12 days

E.15 days

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

2. **Arun can do a certain work in the same time in which Bipasha and Rahul together can do it. If Arun and Bipasha together could do it in 10 days and Rahul alone in 50 days, then Bipasha alone could do it in:**

A.15 days

B.20 days

C.25 days

D.30 days

E.35 days

Answer & Explanation

3. **Sekar, Pradeep and Sandeep can do a piece of work in 15 days. After all the three worked for 2 days, sekar left. Pradeep and Sandeep worked for 10 more days and Pradeep left. Sandeep worked for another 40 days and completed the work. In how many days can sekar alone complete the work if sandeep can complete it in 75 days?**

A.25 days

B.20 days

C.30 days

D.35 days

E.15 days

Answer & Explanation

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4. **Dinesh does 80% of a work in 20 days. He then calls in Gokul and theytogether finish the remaining work in 3 days. How long Gokul alone would take to do the whole work?**

A.39 days

B.37 days

C.37 ½ days

D.40 days

E.39 ½ days

Answer & Explanation

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5. **Hari and Vijay can together finish a work in 30 days. They worked together for 20 days and then Vijay left. After another 20 days, hari finished the remaining work. In how many days hari alone can finish the work?**

A.45

B.60

C.35

D.50

E.65

Answer & Explanation

6. **Madhavan can finish a work in 5 hours. He invites Manohar and Manjima who can work 3/4th as fast as he can to join him. He also invites Mani and Mohan who can work only 1/5th as fast as he can to join him. If the five person team works the same job and they start together, how long will it take for them to finish the job?**

A.50/97 days

B.87 days

C.50/29 days

D.78 days

E.62 days

Answer & Explanation

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7. **A typing work is done by three person P, Q and R. P alone takes 10 hours to type a single booklet but B and C working together takes 4 hours, for the completion of the same booklet. If all of them worked together and completed 14 booklets, then how many hours have they worked?**

A.30hrs

B.40hrs

C.25hrs

D.45hrs

E.50hrs

Answer & Explanation

8. **Nakul and Ram are working on aproduction company. Nakul takes 6 hours to make 32 products, while Ram takes 5 hours to make 40 products. How much time will they take, working together to make 110 products?**

A.8 hours

B.8 hours 15 minutes

C.9 hours

D.8 hours 25 minutes

E.9 hours 15 minutes

Note: The Information Provided here is only for reference. It May vary the Original.

Answer & Explanation

9. **Gopal does a work in 90 days, Vikash in 40 days and Santhosh in 12 days. They work one after another for a day each, starting with Gopal followed by Vikash and then by Santhosh. If the total wages received are Rs 360 and Gopal, Vikash, Santhosh share them in the ratio of the work done, find their respective individual wages.**

A.Rs 44, Rs 80 and Rs 264

B.Rs 40, Rs 87 and Rs 276

C.Rs 36, Rs 81 and Rs 243

D.Rs 42, Rs 86 and Rs 232

E.Rs 37, Rs 89 and Rs 284

Answer & Explanation

10. **When Ashok and Karthik are working alone, they can complete a piece of work in 25 days and 30 days respectively. On day 1, Karthik started the work and Ashok joined B from day**

3 on-wards. Find approximately after how many days will the work be completed?

A.20 days

B.10 days

C.15 days

D.25 days

E.30 days

Answer & Explanation

1. **If P and Q work together, they will complete a job in 7.5 days. However, if P works alone and completes half the job and then Q takes over and completes the remaining half alone, they will be able to complete the job in 20 days. How long will Q alone take to do the job if P is more efficient than Q?**

   a) 20 days

   b) 30 days

   c) 40 days

   d) 10 days

   e) None of these

   Answer & Explanation

2. **A and B undertake to complete a piece of work for Rupees 1200. A can do it in 8 days, B can do it in 12 days and with the help of C they complete the work in 4 days. Find the share of C?**

   a) 100

   b) 200

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c) 300
d) 400
e) None of these

Answer & Explanation

3. **Among four persons Anuj, Bhim, Carl and Dinesh. Anuj takes thrice as much time as Bhim to complete a piece of work. Bhim takes thrice as much time as Carl and Carl takes thrice as much time as Dinesh to complete the same work. If all together they take 3 days to complete the work. Find the time taken by Bhim alone to complete the work alone.**
a) 20 days
b) 30 days
c) 40 days
d) 50 days
e) None of these

Answer & Explanation

4. **A and B can do a piece of work in 20 and 25 days respectively. They began to work together but A leaves after some days and B completed the remaining work in 12 days. Number of days**

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after which A left the job-

a) 5.7/9 days

b) 6.7/9 days

c) 7.7/9 days

d) 11.7/9 days

e) None of these

Answer & Explanation

5. **A factory produces nuts and bolts. A machine in it produces only nuts while another produces only bolts. The machine producing only nuts produces 500 nuts per minute and need to be cleared for 10 minutes after production of 2000 nuts. The machine producing only bolts produces 600 bolts per minute and needs to be cleared for 15 minutes after production of 3000 bolts. Find the minimum time required to produce 6000 pairs of bolts and nuts if both machines are operated simultaneously.**

a) 32 minutes

b) 20 minutes

c) 25 minutes

d) 40 minutes

e) None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

6. **Three professors P, Q, R are evaluating answer script of a subject. P is 40 more efficient than Q, who is 20 more efficient than R. P takes 10 days less than Q to complete the evaluation work. P starts the evaluation work and works for 10 days and then Q takes over. Q evaluates for next 15 days and then stops. In how many days, R can complete the remaining evaluation work?**
   a) 6.2 days
   b) 7.2 days
   c) 8.2 days
   d) 9.2 days
   e) None of these

Answer & Explanation

7. **A piece of work has to be completed in 50 days, a number of men are employed but it is found that only half of the work is done in 30 days, then an additional 20 men were joined to complete the work on time. How many men initially put to work?**
   a) 30
   b) 35
   c) 40
   d) 45
   e) None of these

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Answer & Explanation

8. **P can do a piece of work in 20 days. Q is 25 percent more efficient than P. In how many days half the work is completed when both are working simultaneously?**
   a) 41/9
   b) 40/9
   c) 39/9
   d) 43/9
   e) None of these

Answer & Explanation

9. **A and B together can do a piece of work in 24 days, which B and C together can do it in 32 days. After A has been working at it for 10 days and B for 14 days, C finishes it in 26 days. In how many days C alone will do the work?**
   a) 32
   b) 36
   c) 44
   d) 48
   e) None of these

Answer & Explanation

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10. **50 men could complete a work in 200 days. They worked together for 150 days, after that due to bad weather the work is stopped for 25 days. How many more workers should be employed so as to complete the work in time?**

a) 25

b) 35

c) 50

d) 60

e) None of these

Answer & Explanation

1. **A and B can do a piece of work in 24 and 30 days respectively. Both started the work and worked for 6 days. Then B leaves the work and C joins and the remaining work is completed by A and C together in 11 days. Find the days in which C alone can do the work**

a) 80

b) 100

c) 120

d) 130

e) None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

2. **P and Q can do a piece of work in 10 days and 20 days respectively. Both of them start the work but P leaves the work 5 days before its completion. Find the time in which work is completed**
   a) 10
   b) 15
   c) 20
   d) 25
   e) None of these

   Answer & Explanation

3. **Ram and shyam can do a piece of work in 5 and 7 days respectively. They start working alternatively starting from shyam, then in how many days the work is completed**
   a) 5.(3/7) days
   b) 6.(5/7) days
   c) 7.(5/6) days
   d) 5.(6/7) days
   e) None of these

   Answer & Explanation

4. **A group of 24 women is supposed to do a work in 40 days. After 20 days 4 more women is employed and the work is completed**

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in 2 days before the scheduled time. How many days it have been delayed if 4 more women were not employed?

a) 1 day

b) 2 day

c) 3 day

d) 4 day

e) None of these

Answer & Explanation

5. **P, Q and R can do a piece of work in 16, 24 and 30 days respectively. They started the work simultaneously but P stops the work after 4 days and Q called off the work 2 days before the completion. In what time the work is finished?**

a) 100/9 days

b) 100/11 days

c) 100/7 days

d) 100/13 days

e) None of these

Answer & Explanation

6. **If P can do 1/3 of the work in 5 days and Q can do 1/4 of the work in 6 days, then how much money will Q get if they were paid a total of 390 rupee?**

a) 120

b) 150
c) 170
d) 190
e) None of these

Answer & Explanation

7. **A piece of work has to be completed in 50 days, a number of men are employed but it is found that only half of the work is done in 30 days, then an additional 20 men were joined to complete the work on time. How many men initially put to work?**
a) 30
b) 35
c) 40
d) 45
e) None of these

Answer & Explanation

8. **A does half as much work as B in one third of the time taken by B. If together they take 20 days to finish the work then what will be the share of A if 1000 rupees is given for the whole work?**

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a) 400
b) 500
c) 600
d) 700
e) None of these

Answer & Explanation

9. **A does half as much work as B does in one sixth of the time. If together they take 20 days to complete the work, then what is the time taken by A to complete the work independently.**
a) 80/3 days
b) 100/3 days
c) 60/3 days
d) 140/3 days
e) None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

10. **P can do a piece of work in 20 days. Q is 25 percent more efficient than P. In how many days half the work is completed when both are working simultaneously?**

a) 41/9
b) 40/9
c) 39/9
d) 43/9
e) None of these

Answer & Explanation

1. **P can do 2/5 of the work in 10 days and Q can do 4/5 of the work in 16 days. If both of them start working together then the time in which the work can be done?**

a) 12.1/9 days
b) 11.1/9 days
c) 11.2/9 days
d) 12.4/9 days
e) None of these

Answer & Explanation

2. **A does half as much work as B does in one sixth of the time. If together they take 20 days to complete the work, then what is the time taken by B to complete the work independently.**

a) 80 days
b) 100 days
c) 120 days
d) 140 days
e) None of these

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Answer & Explanation

3. **A contractor undertakes to make a mall in 60 days and he employs 30 men. After 30 days it is found that only one- third of the work is completed. How many extra men should he employ so that the work is completed on time?**
   a) 20men
   b) 25men
   c) 30men
   d) 40men
   e) None of these

Answer & Explanation

4. **50 men could complete a work in 200 days. They worked together for 150 days, after that due to bad weather the work is stopped for 25 days. How many more workers should be employed so as to complete the work in time?**
   a) 25
   b) 35
   c) 50
   d) 60
   e) None of these

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Answer & Explanation

5. **P and Q were assigned to do a work for an amount of 1200. P alone can do it in 15 days while Q can do it in 12 days. With the help of R they finish the work in 6 days. Find the share if C.**
   a) 100
   b) 120
   c) 140
   d) 160
   e) None of these

Answer & Explanation

6. **A can do a work in 32 days. P who is 60 percent more efficient than A. Find how much time they will take together to do the same work?**
   a) 150/13 days
   b) 160/13 days
   c) 170/3 days
   d) 190/3 days
   e) None of these

Answer & Explanation

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7. **P does half as much work as Q in three-fourth of the time. If together they take 24 days to complete the work, how much time shall P take to complete the work?**

a) 50 days

b) 60 days

c) 70 days

d) 80 days

e) None of these

Answer & Explanation

8. **X and Y can do a piece of work in 12 and 15 days respectively. They began their work but before 3 days of its completion Y left. In how many days the work will be completed.**

a) 6 days

b) 8 days

c) 10 days

d) 12 days

e) None of these

Answer & Explanation

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9. **Neha takes 5 hours to type 40 pages while sunil takes 6 hours to type 60 pages. How much time will they take working together on different computer to type an assignment of 180 pages.**

a) 5hr

b) 7hr

c) 9hr

d) 11hr

e) none of these

Answer & Explanation

10. **P and Q together can complete a job in 90days, Q and R takes 60 days to complete the same work and P and R will take 45 days to complete the same work. How much time will P, Q and R will take to complete the work together.**

a) 40 days

b) 42 days

c) 36 days

d) 44 days

e) None of these

Answer & Explanation

1. **A piece of work has to be completed in 50 days, a number of men are employed but it is found that only half of the work is done in 30 days, then an additional 20 men were joined to complete the work on time. How many men initially put to work?**

a) 30

Note: The Information Provided here is only for reference. It May vary the Original.

b) 35
c) 40
d) 45
e)None of these

Answer & Explanation

2. **P does half as much work as Q in three-fourth of the time. If together they take 36 days to complete the work, then the time taken by Q alone to do the work.**
a) 50
b) 55
c) 60
d) 65
e)None of these

Answer & Explanation

3. **If 20 women and 10 boys can reap a field in 30 days, then in how many days 15 women and 30 boys will reap the field. It is given that work done by 4 women is equal to work done by 3 boys.**
a) 210/11 days

Note: The Information Provided here is only for reference. It May vary the Original.

b) 200/9 days
c) 200/11 days
d) 210/13 days
e)None of these

Answer & Explanation

4. **If P can do a work in 6 days and Q can do the same work in 8 days. If R who can do the same work in 12 days, joins them, then the work will be completed in how many days?**
a) 7/3 days
b) 8/3 days
c) 10/3 days
d) 11/3 days
e)None of these

Answer & Explanation

5. **A, B and C are three friends that take 20 days to finish a work. The time taken by B is twice the time taken by A and C together and time taken by C to do the work is thrice the time taken by A and B together. How much time will be taken by A alone to do the work.**

Note: The Information Provided here is only for reference. It May vary the Original.

a) 42 days
b) 44 days
c) 46 days
d) 48 days
e)None of these

Answer & Explanation

6. **If 4 boys or 5 women can reap a field in 20 days. Then what will be the time taken by 6 boys and 8 women to reap the field.**
a) 200/33 days
b) 200/31 days
c) 200/35 days
d) 200/37 days
e)None of these

Answer & Explanation

7. **5 men and 10 boys can do a piece of work in 30 days and 8 men and 12 boys can do the work in 20 days then the ratio of daily work done by a man to that of boy.**
a) 5:1

b) 6:1
c) 7:3
d) 4:5
e)None of these

Answer & Explanation

8. **A certain number of men take 45 days to complete a work. If there are 10 men less then they will take 60 days to complete the work. Find the original number of men.**
a) 30
b) 40
c) 50
d) 60
e) None of these

Answer & Explanation

9. **Prakash is twice as fast as sumit and therefore Prakash is able to finish the work in 30 days less than sumit. Find the time in which they can complete the work when both are working together?**
a) 25 days
b) 20 days
c) 30 days

Note: The Information Provided here is only for reference. It May vary the Original.

d) 35 days

e) None of these

Answer & Explanation

10. **4 women and 5 men working together can do 3 times the work done by 2 women and one man together. Calculate the work of a man to that of woman.**

a) 1:2

b) 2:1

c) 1:1

d) 3:2

e) None of these

Answer & Explanation

1. **A and B alone can do a piece of wok in 8 and 18 days respectively. In how many days the work will be completed if they both work on alternate days starting with B?**

A) 6 5/9 days

B) 5 days

C) 10 7/9 days

D) 10 9/7 days

E) 6 2/9 days

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

2. **A, B and C can all together do piece of work in 10 days, in which B takes three times as long as A and C together do the work and C takes twice as long as A and B together take to do the work. In how many days B can alone do the work?**

A) 35 days

B) 33 days

C) 43 days

D) 40 days

E) 45 days

Answer & Explanation

3. **20 men can complete a piece of work in 14 days. 7 men started the work and after 20 days, 7 more men joined the work. In how many days the remaining work will be completed?**

Note: The Information Provided here is only for reference. It May vary the Original.

A) 18 days
B) 20 days
C) 8 days
D) 12 days
E) 10 days

Answer & Explanation

4. **20 men can complete a work in 14 days and 20 women can complete the same work in 18 days. 7 men and 9 women started the work. After working for some days, they were replaced by 10 men and 10 women who complete the remaining work in 9 days. How much work was completed by initially employed men and women?**

A) 2/5
B) 3/7
C) 4/7
D) 3/8
E) None of these

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

5. **A, B and C can alone complete a work in 10, 12 and 15 days respectively. A and C started the work and after working for 4 days, A left and B joined. In how many days the total work was completed?**

A) 6 5/9 days

B) 6 2/9 days

C) 6 days

D) 5 4/9 days

E) 7 2/9 days

Answer & Explanation

6. **A, B and C can alone complete a work in 10, 12 and 15 days respectively. All started the work but B left the work 3 days before completion. How much work was then done by A and B together in the total work?**

A) 2/3

B) 3/4

C) 1/3

D) 3/5

E) 2/5

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

7. **2 men and 3 women can together complete a piece of work in 4 days and 3 men and 2 women together can complete work in 3 days. In how many days 10 women will complete this work?**
   A) 9 days
   B) 6 days
   C) 7 days
   D) 12 days
   E) 10 days

Answer & Explanation

8. **A alone can complete a work in 5 days more than A+B together and B alone can complete a work in 45 days more than A+B together. Then in how many days A and B together can complete the work?**
   A) 16 days
   B) 21 days
   C) 15 days
   D) 20 days
   E) 25 days

Note: The Information Provided here is only for reference. It May vary the Original.

Answer & Explanation

9. **20 men can complete a work in 14 days and 20 women can complete the same work in 18 days. 8 men start the work and after working for 21 days, they are replaced by x women. If the remaining work is to be completed by x women in 9 days, then how many women should be employed?**

A) 18

B) 24

C) 20

D) 16

E) 15

Answer & Explanation

10. **A alone can complete a work in 21 days. If B is 40% more efficient than A, then in how many days A and B together can complete the work?**

A) 8 1/4 days

B) 8 3/4 days
C) 9 days
D) 10 3/4 days
E) 11 1/3 days

Answer & Explanation

1. **A piece of work has to be completed in 50 days, a number of men are employed but it is found that only half of the work is done in 30 days, then an additional 20 men were joined to complete the work on time. How many men initially put to work?**
   a) 30
   b) 35
   c) 40
   d) 45
   e)None of these

Answer & Explanation

2. **P does half as much work as Q in three-fourth of the time. If together they take 36 days to complete the work, then the time taken by Q alone to do the work.**
   a) 50
   b) 55
   c) 60
   d) 65
   e)None of these

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Answer & Explanation

3. **If 20 women and 10 boys can reap a field in 30 days, then in how many days 15 women and 30 boys will reap the field. It is given that work done by 4 women is equal to work done by 3 boys.**

a) 210/11 days
b) 200/9 days
c) 200/11 days
d) 210/13 days
e)None of these

Answer & Explanation

4. **If P can do a work in 6 days and Q can do the same work in 8 days. If R who can do the same work in 12 days, joins them, then the work will be completed in how many days?**

a) 7/3 days
b) 8/3 days
c) 10/3 days
d) 11/3 days
e)None of these

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Answer & Explanation

5. **A, B and C are three friends that take 20 days to finish a work. The time taken by B is twice the time taken by A and C together and time taken by C to do the work is thrice the time taken by A and B together. How much time will be taken by A alone to do the work.**

a) 42 days
b) 44 days
c) 46 days
d) 48 days
e)None of these

Answer & Explanation

6. **If 4 boys or 5 women can reap a field in 20 days. Then what will be the time taken by 6 boys and 8 women to reap the field.**

a) 200/33 days
b) 200/31 days
c) 200/35 days
d) 200/37 days
e)None of these

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Answer & Explanation

7. **5 men and 10 boys can do a piece of work in 30 days and 8 men and 12 boys can do the work in 20 days then the ratio of daily work done by a man to that of boy.**

a) 5:1

b) 6:1

c) 7:3

d) 4:5

e)None of these

Answer & Explanation

8. **A certain number of men take 45 days to complete a work. If there are 10 men less then they will take 60 days to complete the work. Find the original number of men.**

a) 30

b) 40

c) 50

d) 60

e) None of these

Answer & Explanation

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9. **Prakash is twice as fast as sumit and therefore Prakash is able to finish the work in 30 days less than sumit. Find the time in which they can complete the work when both are working together?**

a) 25 days

b) 20 days

c) 30 days

d) 35 days

e) None of these

Answer & Explanation

10. **4 women and 5 men working together can do 3 times the work done by 2 women and one man together. Calculate the work of a man to that of woman.**

a) 1:2

b) 2:1

c) 1:1

d) 3:2

e) None of these

Answer & Explanation

1. **A and B alone can do a piece of wok in 8 and 18 days respectively. In how many days the work will be completed if**

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they both work on alternate days starting with B?

A) 6 5/9 days

B) 5 days

C) 10 7/9 days

D) 10 9/7 days

E) 6 2/9 days

Answer & Explanation

2. **A, B and C can all together do piece of work in 10 days, in which B takes three times as long as A and C together do the work and C takes twice as long as A and B together take to do the work. In how many days B can alone do the work?**

A) 35 days

B) 33 days

C) 43 days

D) 40 days

E) 45 days

Answer & Explanation

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3. **20 men can complete a piece of work in 14 days. 7 men started the work and after 20 days, 7 more men joined the work. In how many days the remaining work will be completed?**

A) 18 days

B) 20 days

C) 8 days

D) 12 days

E) 10 days

Answer & Explanation

4. **20 men can complete a work in 14 days and 20 women can complete the same work in 18 days. 7 men and 9 women started the work. After working for some days, they were replaced by 10 men and 10 women who complete the remaining work in 9 days. How much work was completed by initially employed men and women?**

A) 2/5

B) 3/7

C) 4/7

Note: The Information Provided here is only for reference. It May vary the Original.

D) 3/8

E) None of these

Answer & Explanation

5. **A, B and C can alone complete a work in 10, 12 and 15 days respectively. A and C started the work and after working for 4 days, A left and B joined. In how many days the total work was completed?**

A) 6 5/9 days

B) 6 2/9 days

C) 6 days

D) 5 4/9 days

E) 7 2/9 days

Answer & Explanation

6. **A, B and C can alone complete a work in 10, 12 and 15 days respectively. All started the work but B left the work 3 days before completion. How much work was then done by A and B**

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together in the total work?

A) 2/3

B) 3/4

C) 1/3

D) 3/5

E) 2/5

Answer & Explanation

7. **2 men and 3 women can together complete a piece of work in 4 days and 3 men and 2 women together can complete work in 3 days. In how many days 10 women will complete this work?**

A) 9 days

B) 6 days

C) 7 days

D) 12 days

E) 10 days

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

8. **A alone can complete a work in 5 days more than A+B together and B alone can complete a work in 45 days more than A+B together. Then in how many days A and B together can complete the work?**

A) 16 days

B) 21 days

C) 15 days

D) 20 days

E) 25 days

Answer & Explanation

9. **20 men can complete a work in 14 days and 20 women can complete the same work in 18 days. 8 men start the work and after working for 21 days, they are replaced by x women. If the remaining work is to be completed by x women in 9 days, then how many women should be employed?**

A) 18

B) 24

C) 20

D) 16

E) 15

Answer & Explanation

Note: The Information Provided here is only for reference. It May vary the Original.

10. **A alone can complete a work in 21 days. If B is 40% more efficient than A, then in how many days A and B together can complete the work?**

A) 8 1/4 days

B) 8 3/4 days

C) 9 days

D) 10 3/4 days

E) 11 1/3 days

Answer & Explanation

1. **A is 25% more efficient than B. C does half the work done by A & B together. If C alone does the work n 30 days, then A alone can do the work in**

A)32days

B)27days

C)22days

D)25(1/2)days

E)None of these

Answer

Note: The Information Provided here is only for reference. It May vary the Original.

2. **P can finish a work in 27 days, Q in 9 days and C in 12 days. Q & R start the work but are forced to leave after 4 days. The remaining work done by P in:**

A)6 days

B)9 days

C)10 days

D)12 days

E)None of these

Answer

3. **4 men and 6 women can complete a work in 8 days, while 3 men and 7 women can complete it in 10 days. In how many days will 20 women complete it?**

A)10days

B)15days

C)20days

D)25days

E)None of these

Answer

Note: The Information Provided here is only for reference. It May vary the Original.

4. **30 men can complete a work in 16 days. Six days after they started working, so 20 more men joined them. How many days will they now take to complete the remaining work?**

A)12 days

B)5 days

C)8 days

D)6 days

E)None of these

Answer

5. **A takes twice as much time as B and thrice as much time as C to finish a piece of work. Working together they can finish the work in 6 days. C can do the work alone in ?**

A)20 days

B)16 days

C)12 days

D) 10 days

E)None of these

Answer

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6. **If 36 men completed the work in 35 days working 7 hours a day. How many more men should be engaged to finish the rest of the work in 28 days working 5 hours a day?**

A)45

B)63

C)32

D)27

E)None of these

Answer

7. **Rakesh and Ezhil are working on an assignment. Ronald takes 6 hours to type 36 pages on a computer, while Ezhil takes 5 hours to type 25 pages. How much time will they take, working together on two different computers to type an assignment of 110 pages?**

A)8hrs

B)10hrs

C)6hrs

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